

Title (en)

PROCESS FOR MANUFACTURING HIGHLY PRESSURE-RESISTANT SLABS OF CELLULAR MATERIAL FROM STYRENE POLYMERS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SCHAUMSTOFFPLATTEN MIT HOHER DRUCKFESTIGKEIT AUS STYROLPOLYMERISATEN

Title (fr)

PROCEDE DE FABRICATION DE DALLES EN MATERIAU ALVEOLAIRE A HAUTE RESISTANCE A LA PRESSION A PARTIR DE POLYMERES DE STYRENE

Publication

EP 0643739 B1 19970402 (DE)

Application

EP 93912794 A 19930526

Priority

- DE 4218330 A 19920604
- DE 4236579 A 19921029
- EP 9301320 W 19930526

Abstract (en)

[origin: WO9324560A1] A process is disclosed for manufacturing slabs of cellular material having at least 20 mm thickness and at least 50 cm² cross-section by extrusion of a mixture of a styrene polymer and 1 to 10% by weight of a foaming agent, in relation to the styrene polymer. The process is characterized in that the foaming agent contains at least one ether from the group of the dimethyl, methylethyl and methylvinyl ethers.

IPC 1-7

C08J 9/14; **C08J 9/12**

IPC 8 full level

C08J 9/12 (2006.01); **C08J 9/14** (2006.01)

CPC (source: EP US)

C08J 9/127 (2013.01 - EP US); **C08J 9/142** (2013.01 - EP US); **C08J 9/149** (2013.01 - EP US); **C08J 2203/12** (2013.01 - EP US); **C08J 2203/14** (2013.01 - EP US); **C08J 2325/06** (2013.01 - EP US); **Y10S 264/05** (2013.01 - EP US); **Y10S 521/91** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

WO 9324560 A1 19931209; AT E151096 T1 19970415; CA 2137273 A1 19931209; CZ 301394 A3 19950712; DE 4236579 A1 19931209; DE 59306046 D1 19970507; EP 0643739 A1 19950322; EP 0643739 B1 19970402; ES 2099445 T3 19970516; HU 9403461 D0 19950328; HU T70710 A 19951030; JP H07507087 A 19950803; PL 171701 B1 19970630; RU 94046205 A 19961027; TR 28610 A 19961111; US 5453454 A 19950926

DOCDB simple family (application)

EP 9301320 W 19930526; AT 93912794 T 19930526; CA 2137273 A 19930526; CZ 301394 A 19930526; DE 4236579 A 19921029; DE 59306046 T 19930526; EP 93912794 A 19930526; ES 93912794 T 19930526; HU 9403461 A 19930526; JP 50018993 A 19930526; PL 30641193 A 19930526; RU 94046205 A 19941202; TR 47993 A 19930528; US 34356694 A 19941122